



HOESSEL et al. Serial No. 09/604,001

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1. A skin cosmetic or dermatological preparation comprising, in addition to customary additives, at least one copolymer obtainable by
 - (i) free-radically initiated copolymerization of a monomer mixture comprising
 - (a) 1 to 99.99% by weight of at least one monomer chosen from N-vinylimidazoles and diallyamines, optionally in partially or completely quaternized form;
 - (b) 0 to 98.99% by weight of at least one neutral or basic water-soluble monomer which is different from (a);
 - (c) 0 to 50% by weight of at least one unsaturated acid or unsaturated anhydride,
 - (d) 0 to 50% by weight of at least one-free radically copolymerizable monomer which is different from (a), (b) or (c);
 - (e) 0.01 to 10% by weight of at least one monomer which acts as crosslinker and has at least two ethylenically unsaturated, nonconjugated double bonds; and
 - (ii) subsequent partial or complete quaternization and protonation of the polymer in the case where the monomer (a) is unquaternized or only partially quaternized.
2. The preparation as claimed in claim 1, wherein the protonation as in (ii) takes place during formulation of the preparation.

3. The preparation as claimed in claim 1, wherein monomer (a) is at least one diallyamine derivative of the formula (II),

in which the radical R^4 is C_1 - C_{24} alkyl.

4. The preparation as claimed in claim 1, wherein monomer (a) is at least one N-vinylimidazole derivative of the formula (I),

in which the radicals R^1 to R^3 independently of one another are hydrogen, C_1 - C_4 -alkyl or phenyl.

5. The preparation as claimed in claim 1, wherein monomer (b) is at least on N-vinylactam.
6. The preparation as claimed in claim 1, chosen from cosmetic compositions for cleansing of the skin.
7. The preparation as claimed in claim 6, chosen from soaps, syndets, liquid washing, shower and bath preparations.
8. The preparation as claimed in claim 1, chosen from cosmetic compositions for the care and protection of the skin, nailcare compositions, and preparations for

decorative cosmetics.

9. The preparation as claimed in claim 8, chosen from skincare compositions, personal hygiene care compositions, footcare compositions, sunscreens, repellants, shaving compositions, depilatories, anti-acne compositions, makeup, mascara, lipsticks, eyeshadows, kohl pencils, eyeliners, blushers, powders and eyebrow pencils.
10. The preparation as claimed in claim 9, wherein the skincare compositions are chosen from W/O or O/W skin creams, day and night creams, eye creams, antiwrinkle creams, moisturizers, bleaching creams, vitamine creams, skin lotions, care lotions and moisturizing lotions.
11. The preparation as claimed in claim 1, wherein the copolymer is used in the form of a W/O emulsion.
12. The preparation as claimed in claim 11, wherein the copolymer has been polymerized in the emulsion or suspension.
13. The preparation as claimed in claim 12, wherein the oil phase of the emulsion or suspension comprises a cosmetic oil.